

Notice of Allowability	Application No.	Applicant(s)
	10/707,790 Examiner	KLOPER ET AL Art Unit
	Raymond B. Persino	2682

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address--

All claims being allowable, PROSECUTION ON THE MERITS IS (OR REMAINS) CLOSED in this application. If not included herewith (or previously mailed), a Notice of Allowance (PTOL-85) or other appropriate communication will be mailed in due course. **THIS NOTICE OF ALLOWABILITY IS NOT A GRANT OF PATENT RIGHTS.** This application is subject to withdrawal from issue at the initiative of the Office or upon petition by the applicant. See 37 CFR 1.313 and MPEP 1308.

1. This communication is responsive to _____.
2. The allowed claim(s) is/are 1-45.
3. The drawings filed on 13 January 2004 are accepted by the Examiner.
4. Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
 - a) All b) Some* c) None of the:
 1. Certified copies of the priority documents have been received.
 2. Certified copies of the priority documents have been received in Application No. _____.
 3. Copies of the certified copies of the priority documents have been received in this national stage application from the International Bureau (PCT Rule 17.2(a)).

* Certified copies not received: _____.

Applicant has THREE MONTHS FROM THE "MAILING DATE" of this communication to file a reply complying with the requirements noted below. Failure to timely comply will result in ABANDONMENT of this application.
THIS THREE-MONTH PERIOD IS NOT EXTENDABLE.

5. A SUBSTITUTE OATH OR DECLARATION must be submitted. Note the attached EXAMINER'S AMENDMENT or NOTICE OF INFORMAL PATENT APPLICATION (PTO-152) which gives reason(s) why the oath or declaration is deficient.
6. CORRECTED DRAWINGS (as "replacement sheets") must be submitted.
 - (a) including changes required by the Notice of Draftsperson's Patent Drawing Review (PTO-948) attached
 - 1) hereto or 2) to Paper No./Mail Date _____.
 - (b) including changes required by the attached Examiner's Amendment / Comment or in the Office action of Paper No./Mail Date _____.

Identifying indicia such as the application number (see 37 CFR 1.84(c)) should be written on the drawings in the front (not the back) of each sheet. Replacement sheet(s) should be labeled as such in the header according to 37 CFR 1.121(d).
7. DEPOSIT OF and/or INFORMATION about the deposit of BIOLOGICAL MATERIAL must be submitted. Note the attached Examiner's comment regarding REQUIREMENT FOR THE DEPOSIT OF BIOLOGICAL MATERIAL.

Attachment(s)

1. Notice of References Cited (PTO-892)
2. Notice of Draftsperson's Patent Drawing Review (PTO-948)
3. Information Disclosure Statements (PTO-1449 or PTO/SB/08),
Paper No./Mail Date 3/22/04 & 3/23/04
4. Examiner's Comment Regarding Requirement for Deposit
of Biological Material
5. Notice of Informal Patent Application (PTO-152)
6. Interview Summary (PTO-413),
Paper No./Mail Date _____.
7. Examiner's Amendment/Comment
8. Examiner's Statement of Reasons for Allowance
9. Other _____.

EXAMINER'S STATEMENT OF REASONS FOR ALLOWANCE

Allowable Subject Matter

1. Claims 1-45 are allowed.

2. The following is an examiner's statement of reasons for allowance:

The applicant's invention of claim 1 include the subject matter of storing data pertaining to time of occurrence and center frequency for transmissions of the frequency hopping signal that have been received over time, and deriving, based on the data, future transmission frequencies of the frequency hopping signal without obtaining state of a frequency hop sequence from information carried in the frequency hopping signal.

The closest prior art, exemplified by KUHN et al (US 6,259,924 B1), KOSTIC et al (US 6,549,784 B1), MANSFIELD (US 6,859,450 B1), AGRAWAL et al (US 2003/0108008 A1) and DHAR et al (US 2002/0085622 A1), predict future transmission frequencies of a frequency hopping signal. However, the prior art does not predict future transmission frequencies of a frequency hopping signal based upon time of occurrence and center frequency for transmissions of the frequency hopping signal that has been received over time and without obtaining state of a frequency hop sequence from information carried in the frequency hopping signal. Further, no additional prior art as been discovered that would either anticipate or render the claims obvious. Therefore, the applicant's invention of claim 1, when considered in its entirety, comprises a unique combination of subject matter that is neither taught nor suggested by the prior art. The

applicant's inventions of claims 12 and 31 comprise similar subject matter to that contained in claim 1 are therefore allowed for the same reasons.

Any comments considered necessary by applicant must be submitted no later than the payment of the issue fee and, to avoid processing delays, should preferably accompany the issue fee. Such submissions should be clearly labeled "Comments on Statement of Reasons for Allowance."

Conclusion

3. The prior art made of record and not relied upon is considered pertinent to applicant's disclosure.

KUHN et al (US 6,259,924 B1)

KOSTIC et al (US 6,549,784 B1)

MANSFIELD (US 6,859,450 B1)

AGRAWAL et al (US 2003/0108008 A1)

DHAR et al (US 2002/0085622 A1)

Any inquiry concerning this communication or earlier communications from the examiner should be directed to Raymond B. Persino whose telephone number is (571) 272-7856. The examiner can normally be reached on Monday-Thursday from 8:00 AM to 5:30 PM.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Vivian C. Chin can be reached on (571) 272-7848. The fax phone number for the organization where this application or proceeding is assigned is 703-872-9306.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).

Raymond B. Persino
Examiner
Art Unit 2682

RP


VIVIAN CHIN
SUPERVISORY PATENT EXAMINER
TELECOMMUNICATIONS CENTER 2600
5/2/05